

# REPLACEMENT PARTS GUIDE

## 9RX Tractors Final Tier 4 (FT4) - 9RX 490, 9RX 540, 9RX 590, 9RX 640

### FILTER OVERVIEW WITH SERVICE INTERVALS

#### TRANSMISSION



##### VENT FILTER

[H216169](#)

Replace after every 1500 operating hours.



##### LUBE FILTER

[RE577612](#)

Replace after every 1500 operating hours.



##### SYSTEM FILTER

[RE577250](#)

Replace after every 1500 operating hours.

#### ENGINE

##### OIL FILTER

[RE572785](#) (13.6 L)

[DZ121669](#) (15 L)

Minimum hours before first engine oil change is 100 hours. Extended engine oil change every 500 hours or annually, whichever come first. The extended 500 hour interval is only allowed if using Plus50™ II oil with a John Deere filter and diesel fuel with sulfur content less than 15mg/kg (15ppm). If all conditions are not met, change oil and filter at 250 hours of operation.



##### PRIMARY FUEL FILTER

[DZ124761](#) FILTER ELEMENT (13.6 L)

[RE574467](#) FILTER ELEMENT (15 L)

##### SECONDARY FUEL FILTER

FILTER ELEMENT (13.6 L)

[DZ124786](#)

Replace after every 500 operating hours or as indicated, whichever occur first.



##### FUEL WATER SEPARATOR FILTER

[AT365869](#) (If equipped) (FILTER ELEMENT (13.6 L))

[RE561968](#) FILTER ELEMENT (15 L)

Replace after every 500 operating hours.



##### PRIMARY AIR FILTER

[TA17973](#) (FT4) (FILTER ELEMENT)

[HXE11090](#) (T2) FILTER ELEMENT

##### SECONDARY AIR FILTER

[RE230985](#) (FT4) (FILTER ELEMENT)

[HXE11091](#) (T2) (FILTER ELEMENT)

Replace after every 1000 operating hours, annually, or as indicated, whichever occurs first. (Interval may vary according to operating conditions).



#### CAB

##### FRESH AIR FILTER

[RE284091](#)

Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions).



##### RECIRCULATION AIR FILTER

[RE593819](#)

Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions).



#### SVC

##### PILOT VALVE FILTER

[RE269061](#) (- 824999)

[TA21586](#) (825001-)

Replace every 1500 operating hours.



#### HYDRAULICS

##### HYDRAULIC OIL FILTER ELEMENT

[RE577612](#) (QTY 3)

Replace after every 1500 operating hours.



#### ENGINE

##### DEF SUPPLY MODULE FILTER

[DZ114640](#) (FT4)

Replace after every 1500 operating hours or 3 years, whichever comes first.



##### FUEL TANK VENT FILTER

[RE597019](#) (QTY 2)

Replace after every 1500 operating hours.



##### DEF TANK VENT FILTER

[H216169](#) (FT4)

Replace after every 1500 operating hours.



##### DEF INLINE FILTER

[DZ124403](#) (FT4)

Replace after every 3000 operating hours or 3 years, whichever comes first.



**JOHN DEERE**

Genuine Parts and Service

CLICK PART NUMBER TO BUY

\*See operator's manual for additional details.

RX564272

Apr 2024. Release Date.

# CAPACITIES

## 9RX Tractors Final Tier 4 (FT4) - 9RX 490, 9RX 540, 9RX 590, 9RX 640

### CAPACITIES (Approximate):

#### Fuel Tank

..... 1514 L (400 gal)

#### DEF Tank

..... 120 L (31.7 gal)

#### Cooling System (Including deaeration Tank):

##### Cool-Gard™ II

13.6 L Engine ..... 56.5 L (14.9 gal)

15 L Engine ..... 62 L (16.3 gal)

#### ENGINE CRANKCASE OIL (including Filter):

##### Plus-50™ II

13.6 L Engine ..... 60.8 L (16.1 gal)

15 L Engine ..... 43.5 L (11.5 gal)

#### HYDRAULIC / TRANSMISSION / AXLE OIL:

Without 3-point rear hitch and PTO ..... 234.7 L (62 gal)

With 3-point rear hitch and PTO ..... 242.3 L (64 gal)

#### HYDRAULIC RESERVOIR REFERENCE MARKS:

FULL COLD Mark ..... 103 L (27.2 gal)

MIN COLD Mark ..... 91.8 L (24.3 gal)

High Volume Take Out Oil Mark  
(Dot half way up the sight tube) ..... 150 L (39.6 gal)

#### TRANSMISSION / HYDRAULIC RESERVOIR:

##### Hy-Gard™

High Flow ..... 268.5 L (71 gal)

# REPAIR PARTS GUIDE






9RX Tractors Final Tier 4 (FT4) - 9RX 490, 9RX 540, 9RX 590, 9RX 640

## ENGINE









	<b>STARTER</b> <a href="#">DZ121183</a> 13.6L ENGINE <a href="#">E589156</a> 9RX640	1
	<b>AUXILIARY DRIVE BELT</b> <a href="#">TR109574</a> 13.6L ENGINE <a href="#">R126942</a> 9RX640	2
	<b>FAN DRIVE BELT</b> <a href="#">R561692</a> W/O AIR COMPRESSOR <a href="#">R563475</a> W/ AIR TRAILER BRAKE <a href="#">R56408</a> W/ CTIS COPRESSOR	3
	<b>RADIATOR CAP</b> <a href="#">RE312969</a>	4
	<b>BELT TENSIONER</b> <a href="#">AKK11162</a> 13.6L AUXILIARY <a href="#">AN208610</a> 13.6L ENGINE <a href="#">REC410188400</a> 9RX640	5
	<b>ENGINE BLOCK HEATER</b> <a href="#">RE541654</a> 120V, 13.6L <a href="#">RE541655</a> 240V, 13.6L <a href="#">REC496549700</a> 9RX640	6
	<b>WATER PUMP</b> <a href="#">REC540604700</a> 9RX640 <a href="#">DZ118003</a> 13.6L ENGINE	7
	<b>A/C COMPRESSOR</b> <a href="#">RE326205</a>	8
	<b>ALTERNATOR</b> <a href="#">DZ124336</a> 330A <a href="#">DZ124395</a> 250A	9
	<b>FUEL INJECTION PUMP</b> <a href="#">DZ120832</a> 13.6L ENGINE <a href="#">REC435948900</a> (-80266485, 9RX640) <a href="#">REC549178400</a> (80266486-, 9RX640)	10





## CAB



	<b>INTERNAL REAR VIEW MIRROR</b> <a href="#">RE588734</a>	11
	<b>WIPER BLADES</b> <a href="#">R572234</a> Front, Rear & RH Window	12
	<b>EXTERNAL REAR VIEW MIRROR</b> <a href="#">RE586098</a> LH <a href="#">RE586099</a> RH <a href="#">RE586100</a> W/O Wide Angle,LH <a href="#">RE589989</a> W/O Wide Angle,RH	13
	<b>TECHNOLOGY MOUNTING SOLUTION</b> <a href="#">RE343680</a> Accessory Mounting <a href="#">BRE10015</a> Cell Phone Mounting <a href="#">BRE10255</a> Tablet Mounting Bracket	14
	<b>GAS CYLINDERS</b> <a href="#">TR126983</a> LH Door <a href="#">RE593531</a> Rear Window	15

## HITCH AND SCV

<b>HITCH MAINTENANCE</b>		
	<a href="#">R309355</a> Sway Block, RH	
	<a href="#">R304695</a> Sway Block Wear Plate,RH	
	<a href="#">R309356</a> Sway Block, LH	
	<a href="#">R304694</a> Sway Block Wear Plate,LH	
	<a href="#">AXE14245</a> Hitch Position Sensor	
<b>SCV</b>		
	<a href="#">RE577560</a> Breakaway Coupler	
	<a href="#">R186598</a> Snap Ring	
	<a href="#">RE186600</a> Seal Kit	

<b>LIFT LINK PINS</b>		
	<a href="#">RE333939</a> Pin	
	<a href="#">R106409</a> Draft Link Ball Stud	

## ENGINE

	<b>BATTERY</b> <a href="#">TY25879B</a>	15
	<b>TORSIONAL DAMPER</b> <a href="#">REC410188400</a> 9RX640 <a href="#">DZ117460</a> 13.6L ENGINE	20



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